

Application Serial No. 10/035,675
Attorney Docket No. 60027.0095US01/BS00258

Remarks

The Non-Final Office Action (hereinafter the Office Action) mailed December 19, 2005 has been reviewed and these remarks are responsive thereto. Claims 1-4 and 6-10 have been amended. Claim 12 has been canceled. Claim 23 is newly added. Claims 1-4, 6-10 and 23 remain pending in this application.

Applicant thanks Examiner Chow for the courtesy of a telephone interview on March 17, 2006, requested by the undersigned to discuss the rejection of the current claims under 35 U.S.C. § 103. During the interview, Applicant asserted that Sheridan et al. and Beckwith et al. references do not teach or suggest editing the input-formatted data, wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data, whereby the new data comprises routing information, roaming information and NPA-NXX data. In addition, Applicant and Examiner Chow discussed additional subject matter that could be used for amending the claims. No agreement was made regarding patentability of the claims.

Claim Rejections Under 35 U.S.C. §103

Claims 1-4 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Sheridan et al. (U.S. Patent No. 6,725,032 B1) ("*Sheridan*") in view of Beckwith et al. (U.S. Patent No. 6,330,598 B1) ("*Beckwith*"). Claim 1 has been amended and Applicant respectfully submits that the amendment overcomes this rejection and adds no new matter.

Amended Claim 1 recites a method of formatting data for populating a telecommunications switch, comprising the steps of, *inter alia*, "using a switch script-building program to extract output-formatted data from the switch" and "editing the input-formatted data,

wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data, whereby the new data comprises routing information, roaming information and NPA-NXX data.”

Amended Claim 4 depends from Claim 1 and further recites, *inter alia*, “using a switch script-building program to extract output-formatted data from the switch, wherein extracting output-formatted data from the switch includes launching a data formatting program on the first computing system, opening a graphical user interface for receiving downloaded output-formatted data from the switch, and copying the output-formatted data into the graphical user interface.”

Sheridan discloses a cell configuration system 302 that receives configuration data from a cell site complex 108, a network element 110, and a configuration data and alarms element 312. (See *Sheridan* column 5, lines 36-38.) A user of a work station 304 opens a browser and enters an HTTP address to achieve a connection to the cell configuration system 302 over a data link 310. (See *Sheridan* column 5, lines 38-42.) Once the work station 304 has connected to the cell configuration system 302, the cell configuration system will transmit switch configuration data in the form of HTML pages to the work station 304. (See *Sheridan* column 5, lines 42-45.) The work station 304 may navigate through the configuration data by selecting hypertext links or by using navigation tools provided on each HTML page. (See *Sheridan* column 5, lines 45-48.) A selection on a HTML hypertext link will initiate navigation to a different HTML page containing different configuration data. (See *Sheridan* column 5, lines 48-50.)

In an example disclosed in *Sheridan*, a user of work station 304 initiates a connection to the cell configuration system 302 by opening a browser 314 and entering an HTTP address of the cell configuration system. (See *Sheridan* column 5, lines 51-54.) After a connection is made between the work station 304 and the cell configuration system 302, the cell configuration

system transmits signaling to the work station in the form of HTML pages containing configuration data. (See *Sheridan* column 5, lines 54-58.) The configuration data provides a graphical representation of the parameter and component configurations of the cell site complex 108." (See *Sheridan* column 5, lines 58-60.)

Beckwith discloses a global service management system 10 provides a simplified interface for communicating update request messages or service request orders to the network element managers 20, 22 despite their protocol differences. (See *Beckwith* column 3, lines 29-31.) *Beckwith* states that the terms "service request order" and "update request message" are synonymous and refer to an instruction to modify the data stored in one or more of the SCPs 12, 14. (See *Beckwith* column 3, lines 31-35.)

The Office Action acknowledges that *Sheridan* fails to disclose, teach or suggest converting the output-formatted data to input-formatted data acceptable for input to the switch and editing the input-formatted data, wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data, whereby the new data is NPA-NXX data. In order to overcome these deficiencies in *Sheridan*, the Office Action relies on *Beckwith*. However, *Beckwith* fails to remedy all the deficiencies of *Sheridan* in light of amended claim 1.

The combination of *Sheridan* and *Beckwith* fails to disclose all the recitations of claim 1. Specifically, the combination fails to disclose using a switch script-building program to extract output-formatted data from the switch. Neither reference mentions such a recitation. In addition, the combination of *Sheridan* and *Beckwith* fails to disclose converting the output-formatted data to input-formatted data acceptable for input to the switch and editing the input-formatted data, wherein the step of editing the input-formatted data includes adding new data to

the input-formatted data according to a format of the input-formatted data, whereby the new data comprises routing information, roaming information and NPA-NXX data, as recited in claim 1. To the contrary, *Beckwith* merely modifies data stored in an SCP and does not add roaming information, routing information and NPA-NXX data because *Beckwith* is merely concerned with subscriber information and does not use operational data. (*See Beckwith* column 3, lines 32-35.)

In addition, translators 36 and 28 merely translate data used by one element manager 20 into a format used by another element manager 22 to facilitate data exchange between 2 or more SCP's that may or may not have the same protocols. (*See Beckwith* column 3, lines 14-27.) Consequently, *Beckwith* does not disclose downloading information from a switch and transmitting input-formatted data to the switch, rather *Beckwith* discloses an exchange of data between two different SCP's. In addition, *Beckwith's* use of a network manger is synonymous with a STP and not a switch as defined by claim 1.

Thus, *Sheridan* and *Beckwith* whether considered alone or in combination fail to disclose all the recitations of claim 1. *Sheridan* and *Beckwith* whether considered alone or in combination fail to disclose all the recitations of Dependent claim 4 because Dependent claim 4 includes recitations similar to claim 1. Accordingly, independent claim 1 patentably distinguishes the present invention over the cited prior art, and Applicant respectfully requests withdrawal of this rejection of Claim 1. Dependent Claims 2-3 are also allowable at least for the reasons described above regarding Independent Claim 1, and by virtue of their dependency upon independent Claim 1. Accordingly, Applicants respectfully request withdrawal of this rejection of dependent Claims 2-3. Accordingly, Dependent claim 4 patentably distinguishes the present invention over the cited prior art, and Applicant respectfully requests withdrawal of this rejection of Claim 4.

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Claims 6-10 and 12 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over *Sheridan* in view of *Beckwith* further in view of *Lozano et al.* (U.S. Patent No. 5,982,869) ("*Lozano*"). Applicant respectfully traverses the rejection.

As mentioned above, the combination of *Sheridan* and *Beckwith* fails to disclose, teach or suggest all the recitations of claim 1.

Lozano is directed to a system and method for automatically configuring routing for international telephone calls in a telecommunications system having a hierarchy of switches. *Lozano* provides a set of routing rules to route international telephone calls through the hierarchy of switches. (See *Lozano* column 1, lines 64-66.) A routing generator applies data stored in a computer to rules to generate a routing. (See *Lozano* column 1, lines 66-67.) *Lozano* also discloses that data is stored in configuration tables called network description tables. (See *Lozano* column 2, lines 1-2.) Network description tables contain information describing a network topology. (See *Lozano* column 2, lines 2-3.) Also disclosed in *Lozano*, description data stored in the network description tables, the rules generate routing tables. (See *Lozano* column 2, lines 3-5.) The routing tables provide routing information to route international telephone calls through the switch hierarchy. (See *Lozano* column 2, lines 5-7.)

Lozano fails to remedy the deficiencies in the combination of *Sheridan* and *Beckwith* in view of claim 1 because *Lozano* also fails to disclose using a switch script-building program to extract output-formatted data from the switch. *Lozano* also fails to disclose converting output-formatted data to input-formatted data acceptable for input to a switch and editing the input-formatted data, wherein the step of editing the input-formatted data includes adding new data to the input-formatted data according to a format of the input-formatted data, whereby the new data comprises routing information, roaming information and NPA-NXX data because *Lozano* is

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merely concerned with routing information during an international call not roaming information and NPA-NXX data.

Thus, *Sheridan, Beckwith* and *Lozano* whether considered alone or in combination fail to disclose all the recitations of claim 1. Accordingly, independent claim 1 patentably distinguishes the present invention over the cited prior art, and Applicant respectfully requests withdrawal of this rejection of Claim 1. Dependent Claims 6-10 and 12 are also allowable at least for the reasons described above regarding Independent Claim 1, and by virtue of their dependency upon independent Claim 1. Accordingly, Applicants respectfully request withdrawal of this rejection of dependent Claims 6-10 and 12.

Newly added claim 23 depends from claim 1 and more distinctly defines the invention to which the Applicant is entitled. Applicant respectfully submits that claim 23 is allowable over the cited art for the reasons mentioned above with respect to claim 1 and by virtue of its dependency upon independent Claim 1. Claim 23 adds no new matter.

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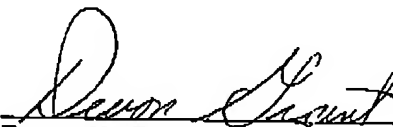
Conclusion

In view of the above, each of the presently pending claims in this application is believed to be in immediate condition for allowance. Accordingly, the Examiner is respectfully requested to pass this application to issue. If the Examiner believes a telephone conference would advance the prosecution of this application, the Examiner is invited to telephone the undersigned please contact Applicants' undersigned attorney at 404.954.5040.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Respectfully submitted,

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